



| BILL OF MATERIALS | | | | | |
|-------------------|--------|--|------------------------|----------|------------|
| ITEM NO. | QTY. | DESCRIPTION | | MATERIAL | |
| 1 | 140 LF | L 6x3 | 1/2x5/16 (133' ACT) | 450# | A-36 |
| 2 | 220 LF | C 6x8.2 | (15' ACT) | 123# | A-36 |
| 3 | 10 LF | L 5x5x3/8 | (9' ACT) | 221# | A-36 |
| 4 | 10 LF | L 3x3x3/8 | (9' ACT) | 221# | A-36 |
| 5 | 400 LF | L 2 1/2x2 | 1/2x1/4 1640# | | A-36 |
| 6 | 4 LF | 6"x3/8" | FLAT BAR (4' ACT) | 31# | A-36 |
| 7 | 4 SF | 3/8" | PLATE | | A-36 |
| 8 | 5 SF | 1/2" | PLATE | | A-36 |
| 9 | 60 LF | 2 1/2"x1/2" | FLAT BAR (53' ACT) | 225# | A-36 |
| 10 | 240 LF | 2"x1/4" | FLAT BAR (214' ACT) | 363# | A-36 |
| 11 | 10 LF | 3"x1/4" | FLAT BAR (10' ACT) | 25# | A-36 |
| 12 | 40 LF | 3/4" | ROUND BAR (34' ACT) | 51# | A-36 |
| 13 | 1 | SAFETY GATE, FABENCO SERIES "A" SWING GATE | | | C.S. GALV. |
| 14 | 350 SF | 1 1/4"x1/8" | SERRATED GRATING 2555# | | CS |
| 15 | 140 | SADDLE ANCHORS - CB (MCNICHOLS) | | | |
| 16 | 140 | MACHINE SCREWS 1/4"x1 3/4" LG HEX HEAD | | | |
| | | SELF TAPPING | | | |
| 17 | 60 LF | 1 1/4"x1/8" | FLAT BAR BANDING | 64# | A-36 |
| 18 | 62 | MACH BOLT, 5/8" x 2" LG HEX HD. | | | A-320-L7 |
| | | W/HVY. H NUT W/(1)LOCK WASHER | | | |
| 19 | 1 LF | L 3 1/2x3 | 1/2x3/8 (9' ACT) | 221# | A-36 |

| | |
|---|--|
| | |
| resources & energy | |
| <i>Kim Tjuel</i> | 07/27/09 |
| REVIEWED BY | DATE |
| Purchaser's review and/or release for fabrication shall not be construed as relieving seller of any obligation or responsibilities with respect to these documents of the items to be furnished by seller pursuant thereto. | |
| <input type="checkbox"/> | VC RELEASED FOR FABRICATION - CORRECT AND RESUBMIT |
| <input checked="" type="checkbox"/> | VF FINAL - DO NOT RESUBMIT |
| <input type="checkbox"/> | VI FINAL - INFORMATION ONLY |
| <input type="checkbox"/> | VN NOT RELEASED FOR FABRICATION - CORRECT AND RESUBMIT |
| <input type="checkbox"/> | VM FINAL, MANUAL(S) - NOT RETURNED TO VENDOR |
| <input type="checkbox"/> | VEF FINAL - ELECTRONIC FILES |
| <input type="checkbox"/> | VV VOID - SEE COMMENTS ON DOCUMENTS |
| <input type="checkbox"/> | E0 DO NOT ISSUE THIS REVISION SUPERCEDED BY ANOTHER REVISION |

NORTH ELEVATION
LOOKING SOUTH

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|-------|------|-------------|------|-------|-----|-----|------------|
| VND - | DISC | PROJ# | P.O. | SEQ | SHT | REV | TAG |
| | VS | 37305244-02 | 0019 | 000 B | 001 | 005 | 1/2P-26011 |
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| NOTES: 1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AISC MANUAL. 2. ALL WELDS TO BE 3/16" FILLET UNLESS NOTED. SEAL WELD ALL OPEN JOINTS. 3. BAND EDGES OF GRATING PANELS WITH 1 1/4"x1/8" BAR 4. HOT DIP GALVANIZE GRATING PANELS, LADDER, & HANDRAIL AFTER FABRICATION. 5. ATTACH GRATING PANELS TO SKID WITH TYPE CB SADDLE ANCHORS & 1/4"x1 3/4" HEX HD SELF TAPPING MACH SCREWS. (15)(16) 6. ALL STRUCTURAL STEEL SUBJECT TO A LOW TEMPERATURE ENVIRONMENT ARE SUBJECTED TO IMPACT TESTING PER SPC-AK-04-902. | STAMPS: | <table border="1"> <tr> <th>NO</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> <th>CHKD</th> <th>APPD</th> </tr> <tr> <td>3</td> <td>BN</td> <td>16/AUG/08</td> <td>REVISED SIZE OF ITEM 9</td> <td>HFM</td> <td>BN</td> </tr> <tr> <td>2</td> <td>JCB</td> <td>05/MAY/09</td> <td>REVISED BILL OF MATERIAL</td> <td>BN</td> <td>BN</td> </tr> <tr> <td>1</td> <td>JCB</td> <td>31/MAR/09</td> <td>REISSUED FOR CONSTRUCTION</td> <td>HFM</td> <td>BN</td> </tr> <tr> <td>0</td> <td>JCB</td> <td>10/MAR/09</td> <td>ISSUED FOR CONSTRUCTION</td> <td>HFM</td> <td>BN</td> </tr> <tr> <td>B</td> <td>HM</td> <td>19/JAN/08</td> <td>REVISED LADDER, ISSUED FOR APPROVAL</td> <td>BN</td> <td>BN</td> </tr> <tr> <td>A</td> <td>JCB</td> <td></td> <td>ISSUED FOR APPROVAL</td> <td></td> <td>BN</td> </tr> </table> | NO | BY | DATE | DESCRIPTION | CHKD | APPD | 3 | BN | 16/AUG/08 | REVISED SIZE OF ITEM 9 | HFM | BN | 2 | JCB | 05/MAY/09 | REVISED BILL OF MATERIAL | BN | BN | 1 | JCB | 31/MAR/09 | REISSUED FOR CONSTRUCTION | HFM | BN | 0 | JCB | 10/MAR/09 | ISSUED FOR CONSTRUCTION | HFM | BN | B | HM | 19/JAN/08 | REVISED LADDER, ISSUED FOR APPROVAL | BN | BN | A | JCB | | ISSUED FOR APPROVAL | | BN | <table border="1"> <tr> <td>DRAME</td> <td>DATE</td> </tr> <tr> <td>Jc Berry</td> <td>06/AUG/08</td> </tr> <tr> <td>CHECKED:</td> <td>DATE:</td> </tr> <tr> <td>MURRAY</td> <td></td> </tr> <tr> <td>ENL. APPROVED:</td> <td>DATE:</td> </tr> <tr> <td>NEAL</td> <td></td> </tr> <tr> <td>SCALE:</td> <td>1/2"=1'-0"</td> </tr> <tr> <td>CAD FILE:</td> <td></td> </tr> </table> | DRAME | DATE | Jc Berry | 06/AUG/08 | CHECKED: | DATE: | MURRAY | | ENL. APPROVED: | DATE: | NEAL | | SCALE: | 1/2"=1'-0" | CAD FILE: | |
| NO | BY | DATE | DESCRIPTION | CHKD | APPD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | BN | 16/AUG/08 | REVISED SIZE OF ITEM 9 | HFM | BN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | JCB | 05/MAY/09 | REVISED BILL OF MATERIAL | BN | BN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | JCB | 31/MAR/09 | REISSUED FOR CONSTRUCTION | HFM | BN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | JCB | 10/MAR/09 | ISSUED FOR CONSTRUCTION | HFM | BN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | HM | 19/JAN/08 | REVISED LADDER, ISSUED FOR APPROVAL | BN | BN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | JCB | | ISSUED FOR APPROVAL | | BN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Jc Berry | 06/AUG/08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| MURRAY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| SCALE: | 1/2"=1'-0" | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAD FILE: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <th>DRAWING</th> <th>DESCRIPTION</th> </tr> <tr> <td>0801-2-301</td> <td>VESSEL DRAWING</td> </tr> </table> | DRAWING | DESCRIPTION | 0801-2-301 | VESSEL DRAWING | <table border="1"> <tr> <th>REFERENCE DRAWINGS</th> </tr> <tr> <td></td> </tr> </table> | REFERENCE DRAWINGS | | <table border="1"> <tr> <td>JOB NO:</td> <td>DRAWING NO:</td> <td>REV:</td> </tr> <tr> <td>0801</td> <td>0801-1-402</td> <td>3</td> </tr> </table> | JOB NO: | DRAWING NO: | REV: | 0801 | 0801-1-402 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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